

In the Claims

1-49 (canceled)

50 (previously presented). A composition comprising: an isolated, purified, or recombinant polynucleotide which encodes a polypeptide comprising SEQ ID NO:5 or the complement thereof, provided that said polypeptide is not murine TBC-1.

51-64 (canceled)

65 (previously presented). A composition comprising an isolated, purified, or recombinant human polynucleotide which encodes a polypeptide comprising SEQ ID NO:5 or the complement thereof.

66-73 (canceled)

74 (previously presented). An isolated, purified, or recombinant polynucleotide which: a) encodes a polypeptide comprising SEQ ID NO: 5; b) comprises nucleotides 171 to 3725 of SEQ ID NO: 3; or c) the complement thereof.

75 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 74 attached to a solid support.

76 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 75, wherein said polynucleotide encodes a polypeptide comprising SEQ ID NO: 5.

77 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 75, wherein said polynucleotide comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

78 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 74, wherein said polynucleotide encodes a polypeptide comprising SEQ ID NO: 5.

79 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 74, wherein said polynucleotide comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

80 (previously presented). An array of polynucleotides comprising at least one isolated, purified, or recombinant polynucleotide which: a) encodes a polypeptide comprising SEQ ID NO: 5; b) comprises nucleotides 171 to 3725 of SEQ ID NO: 3; or c) the complement thereof.

81 (previously presented). The array according to claim 80, wherein said polynucleotide encodes a polypeptide comprising SEQ ID NO: 5.

82 (previously presented). The array according to claim 80, wherein said polynucleotide comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

83 (previously presented). The array according to claim 80, wherein said array is addressable.

84 (previously presented). The array according to claim 81, wherein said array is addressable.

85 (previously presented). The array according to claim 82, wherein said array is addressable.

86 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 76, further comprising a label.

87 (previously presented). The isolated, purified, or recombinant polynucleotide according to claim 77, further comprising a label.

88 (previously presented). A composition comprising: a recombinant vector comprising a polynucleotide which: a) encodes a polypeptide comprising SEQ ID NO: 5; b) comprises nucleotides 171 to 3725 of SEQ ID NO: 3; or c) the complement thereof.

89 (previously presented). The composition according to claim 88, wherein said recombinant vector comprises a polynucleotide which encodes a polypeptide comprising SEQ ID NO: 5.

90 (previously presented). The composition according to claim 88, wherein said recombinant vector comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

91 (previously presented). A composition comprising: a host cell comprising a recombinant vector comprising a polynucleotide which: a) encodes a polypeptide comprising SEQ ID NO: 5; b) comprises nucleotides 171 to 3725 of SEQ ID NO: 3; or c) the complement thereof.

92 (previously presented). The composition according to claim 91, wherein said recombinant vector comprises a polynucleotide which encodes a polypeptide comprising SEQ ID NO: 5.

93 (previously presented). The composition according to claim 91, wherein said recombinant vector comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

94 (previously presented). A method of making a TBC-1 polypeptide comprising the steps of:

- (i) obtaining a host cell comprising a recombinant vector comprising a polynucleotide which: a) encodes a polypeptide comprising SEQ ID NO: 5 or b) comprises nucleotides 171 to 3725 of SEQ ID NO: 3.
- (ii) growing said cell under conditions suitable to produce said polypeptide.

95 (previously presented). The method according to claim 94, wherein said recombinant vector comprises a polynucleotide which encodes a polypeptide comprising SEQ ID NO: 5.

96 (previously presented). The method according to claim 94, wherein said recombinant vector comprises nucleotides 171 to 3725 of SEQ ID NO: 3.

97 (previously presented). The method according to claim 95, further comprising the step of purifying or isolating said polypeptide.

98 (previously presented). The method according to claim 96, further comprising the step of purifying or isolating said polypeptide.

99 (new). A composition comprising an isolated, purified, or recombinant polynucleotide comprising a nucleotide sequence selected from the group consisting of the nucleotide sequences of SEQ ID NOs: 3 and 4, or the complements thereof.

100 (new). A method of making a TBC-1 polypeptide comprising the steps of:

- (i) obtaining a host cell comprising a recombinant vector comprising a polynucleotide comprising a nucleotide sequence selected from the group consisting of the nucleotide sequences of SEQ ID NOs: 3 and 4, or the complements thereof; and
- (ii) growing said cell under conditions suitable to produce said polypeptide.

101 (new). A composition comprising an isolated, purified, or recombinant polynucleotide consisting of the nucleotide sequences of SEQ ID NOs: 1, 2, or the complements thereof.